

SAFETY DATA SHEET



Product Name: CLEANRUN 3 **Reference No:** 364
Version No.: 1 **Revision Date:** - **Date of Introduction:** June 2003

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name CLEANRUN 3
Common name of active ingredient Dichlorprop-P, MCPA, Dicamba
Intended use For use only as a Horticultural Herbicide
Company Identification **Scotts UK Professional**
The Scotts Company (UK) Limited
Paper Mill Lane
Bramford, Ipswich Telephone +44 (0) 1473 830 492
Suffolk, IP8 4BZ
Emergency Telephone 01865 407333 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

JBA No: 020576
NPK: 9-7-7

Chemical Characterisation

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
Dichlorprop-P	15165-67-0	-	Xn; R22 Xi: R41	0.223%w/w
MCPA	5221-16-9	-	Xn: R20/21/22	0.223%w/w
Dicamba	10007-85-9	-	Xn; R20/21/22	0.027%w/w

3. HAZARDS IDENTIFICATION

Physicochemical: NOT CLASSIFIED.
Health:
General This product is not classified and unlikely to be hazardous under normal conditions of use.
Ingestion Low oral toxicity.
Eye contact Unlikely to cause irritation.
Skin contact Unlikely to cause irritation.
Inhalation Unlikely to cause harmful effects under normal conditions of handling and use.
Environmental: NOT CLASSIFIED.

4. FIRST AID MEASURES

General information

Inhalation Remove patient from source of exposure, keep warm and at rest. Obtain medical attention as a precaution.
Skin contact Take off contaminated clothing. Wash skin with soap and water. Contaminated clothing should be laundered before re-use.
Eye contact Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain medical advice if irritation persists.
Ingestion If swallowed seek medical advice immediately and show the container, label or this safety data sheet if possible. **Do not induce vomiting.**

Product Name:

CLEANRUN 3

Reference No: 364

5. FIRE FIGHTING MEASURES

General hazard	Non-flammable
Extinguishing media	Foam, carbon dioxide (CO ₂), water fog or dry powder.
Extinguishing media to avoid	Strong water jet.
Special exposure hazards	None known.
Protective equipment	Self-contained breathing apparatus and suitable protective clothing.
Further information	Keep fire exposed containers cool by spraying with water. Prevent contamination of watercourses. Contain run off water with, for example, temporary earth barriers.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Ensure suitable personal protection during removal of spillages. This means wearing a face protection that gives protection against dust, eye protection, chemically resistant gloves, boots and coveralls (see also section 8). Cover spillage with moist sand, soil or sawdust. Transfer to a labelled container for disposal (see also section 13). Wash the spillage area with water.
Environmental considerations	Washings must be prevented from entering surface water drains. Spillages or uncontrolled discharge into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice. Wash any contamination from skin and eyes immediately. Wash hands and exposed skin before eating, drinking or smoking.
Storage conditions	Keep in original container, tightly closed, in a safe place. Store in a cool dry place away from seeds, other fertilizers and plants.
Shelf life	At least 2 years.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls. LTEL (8 hour TWA): 6.0mg/m ³ Sand as amorphous silica (total respirable dust) LTEL (8 hour TWA): 2.4mg/m ³ Sand as amorphous silica (total inhalable dust)
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Avoid inhalation of dust. Wash hands before breaks and after use. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below)
Eye protection	Faceshield, BSEN1664F
Skin protection	Nitrile gloves
Respiratory protection	Dust mask, EN149:2001FFP3.
Other protection	Protective overall and rubber boots.

Product Name:

CLEANRUN 3

Reference No: 364

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Granules
Colour	Dark grey
Odour	Not available
pH	4-6
Boiling pt / range	Not applicable
Flash point	Not available
Flammability	Non flammable
Bulk density	0.95g/ml
Water solubility	Soluble
Additional information	None

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	None known.
Material to avoid	Fertilisers can be mildly corrosive if left in contact with ferrous metals.
Hazardous reactions	None known.
Hazardous decomposition products	Combustion or thermal decomposition will evolve toxic and irritant vapours.
Further information	None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD ₅₀	Rat	>5000mg/kg
	Dermal LD ₅₀	No data available for the product	
	Inhalation LD ₅₀	No data available for the product	
Skin	Unlikely to cause skin irritation. Unlikely to cause sensitisation.		
Inhalation	Unlikely to cause harmful effects under normal conditions of handling and use.		
Eyes	Unlikely to cause eye irritation.		
Further information	No long term risks to man are associated with the normal handling and use of this product.		

12. ECOLOGICAL INFORMATION

Acute toxicity	No data available for the product.
Degradability	No data available for the product.
Further information	Large quantities in water may upset the ecological balance. May be harmful to fish or other aquatic life in large quantities. Do not contaminate surface waters and ditches with chemical or used containers.

13. DISPOSAL CONSIDERATIONS

User	Empty containers should not be used for any other purposes. Do not contaminate ponds, waterways or ditches with chemical or used containers. Disposal should be in accordance with local or national legislation.
Surplus bulk product / spillage	In accordance with national and local authority regulations, e.g. special waste (e.g. Special Waste Regulations) or incineration, after consultation with the operator.

Product Name:

CLEANRUN 3

Reference No: 364

14. TRANSPORT INFORMATION

United Nations number Not classified for transport.

15. REGULATORY INFORMATION

Classification & labelling NOT CLASSIFIED

This Safety Data Sheet does not form part of the label approved under the Control of Pesticide Regulations 1986.

Safety data sheet available for the professional on request.

To avoid risks to man and the environment, comply with the instructions for use.

Current registration no. MAPP 11410

Risk phrases NOT APPLICABLE

**Safety phrases / precautions
(from the label)**

Operator protection

WASH ANY CONTAMINATION from skin and eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking.

Environmental protection

DO NOT CONTAMINATE SURFACE WATERS AND DITCHES with chemical or used containers.

Storage and disposal

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

EMPTY CONTAINER COMPLETELY and dispose of safely.

16. OTHER INFORMATION

Further information The Control of Substances Hazardous to Health Regulations (COSHH) may be applicable to the use of this product.

Risk phrases referred to in section 2 for composite ingredients.

R22: Harmful if swallowed.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R41: Risk of serious damage to eyes.

For further advice authorised persons (e.g. doctor) may contact the National Poisons Information Service Centre:

UK National number: 0870 600 6266

Eire (Dublin) 00 3531 8379964 or 00 3531 8379966

Sources of data EH40/2002 and other suppliers' safety data sheets

Date of issue August 2003

The information on this sheet is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product.

It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.

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CONFIDENTIAL INFORMATION

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CONFIDENTIAL SHEET TO SAFETY DATA SHEET

FULL FORMULATION DETAILS

<u>INGREDIENT</u>	<u>COMPOSITION (% w/w)</u>	<u>ACTIVITY</u>
Ammonium sulphate	42.4	Fertiliser
Single super phosphate	35.7	Fertiliser
Potassium chloride	11.5	Fertiliser
China clay	0.7	Filler
Mineral oil	0.4	Anti-caking agent
MCPA	0.223	Active ingredient
Dichlorprop-P	0.223	Active ingredient
Dicamba	0.027	Active ingredient
Water	To balance	Granulation aid

GUIDE TO DOCTOR**Most likely problems to consider.**

Low risk posed by low concentrations of active ingredients in a granular formulation. The following general notes relate to phenoxy herbicides which are the active ingredients here. Ingestion. Inhalation of dust, dust in eye when pouring from bag to spreader.

Symptoms

Ingestion may cause irritation to the gastro-intestinal tract producing nausea, vomiting and indigestion. Systemic poisoning by the formulation is non-specific, but may produce electrolyte disturbance if large amounts are swallowed.

Treatment (in addition to safety data sheet)**General first aid measures.**

- 1 Remove the patient from the contaminated area.
- 2 Keep the patient at rest.
- 3 Remove all protective clothing and other wet or contaminated clothing. Wash any affected parts thoroughly with soap and water.
- 4 Watch patient's breathing and be prepared to give artificial respiration.
- 5 Never attempt to administer anything to an unconscious patient by mouth.
- 6 If the patient is suffering from convulsions, ensure clothing is loose around the neck, and air passages are free.
- 7 Remove potentially harmful objects e.g. electric fires, from the vicinity of the patient.
- 8 Medical help should be obtained as soon as possible.

Contamination of the eyes

Irrigate thoroughly with plenty of water for 15 minutes and cover with sterilised pad. Seek medical advice as soon as possible if irritation persists.

Contamination of the skin

Remove all contaminated clothing immediately and wash the affected parts of skin thoroughly with soap and water as soon as possible. Clean all contaminated clothing before re-use.

Medical treatment**General supportive measures**

- a) O₂ – if patient is cyanosed or in respiratory distress.
- b) Suction and positive pressure ventilation should be readily available.
- c) Avoid the use of respiratory depressants unless otherwise indicated, e.g. barbiturates, opiates.
- d) Monitor and maintain fluid and electrolyte balance.

Specific measures.

Monitor closely for electrolyte/mineral disturbances, especially potassium, magnesium and glucose and treat appropriately. Acute renal failure secondary to rhabdomyolysis is a potential complication.

GUIDE TO VETERINARY SURGEON

The Veterinary Poisons Information Service (VPIS) in London is the point of contact for Veterinary Emergencies, Tel: 0207 635 9195.

If for any reason you are unable to make contact on the London number, the VPIS in Leeds is an alternative, Tel: 01132 450530.

FORMULATION HISTORY

New Product: June 2003
Transport classification reviewed:
CHIP 3 review date: August 2003

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